

PC-1

MSDS Number

CGTFQ

National Stock Number

8010-00N084462

Product Name

PC-1

Manufacturer

MEASUREMENTS GROUP INC

Product Identification

Product ID:PC-1

MSDS Date:11/02/1993

FSC:8010

NIIN:00N084462

MSDS Number: CGTFQ

Responsible Party

MEASUREMENTS GROUP INC

RALEIGH , NC 27611

US

Emergency Phone: 919-365-3800

Info Phone: 919-365-3800

Preparer: R.L. FRIDLEY

Cage: 88952

Contractor

MEASUREMENTS GROUP INC

WENDELL, NC 27591

US

919-365-3800

Cage: 88952

Ingredients

BISPHENOL A-EPICHLOROHYDRIN COPOLYMER; (BISPHENOL-A BASED

CAS: 25068-38-6

RTECS: SL6475000

Fraction By Weight: 83.01%

OSHA PELN/K

ACGIH TLV: N/K

ALUMINUM; (ALUMINUM POWDER) (SARA 313)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 9.32%

OSHA PEL15 MG/M3 DUST

ACGIH TLV: 10 MG/M3 DUST

GLYCOL ADIPATE ESTER

CAS: 26523-14-8

RTECS: 9999999ZZ

Fraction By Weight: 2.91%

OSHA PELN/K

ACGIH TLV: N/K

PROPANE, 1,2-EPOXY-3-PHENOXY-; (PHENYL GLYCIDYL ETHER)

CAS: 122-60-1

RTECS: TZ3675000

Fraction By Weight: 4.76%

OSHA PEL10 PPM

ACGIH TLV: 1 PPM, S

PROPANE, 1-CHLORO-2, 3-EPOXY-; (EPICHLOROHYDRIN) (SARA

CAS: 106-89-8

RTECS: TX4900000

Fraction By Weight:

OSHA PEL5 PPM, S

ACGIH TLV: 2 PPM, S

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

NONE.

RTECS: 9999999VO

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE CONT:CONTACT WITH OCULAR TISSUES
CAN CAUSE MILD TO MODERATE IRRITATION. SKIN CONTACT:IRRITATION CAN
POSSIBLY OCCUR FOLLOWING PROLONGED OR REPEATED CONTACT. CONTACT CAN
LEAD TO DEVELOPMENT OF HYPER SENSITIVITY IN SUSCEPTIBLE
INDIVIDUALS.NOTE:POTENTIAL CONTRIBUTION TO OVERALL EXPOS TO
EPICHLOROHYDRIN(EFTS OF OVEREXP)

Explanation of Carcinogenicity:PHENYL GLYCIDYL ETHER:IARC MONOGRAPHS,
VOL 47, PG 237, 1989:GROUP 2B.

Effects of Overexposure:HLTH HAZ:IS POSS VIA SKIN ABSORPTION.

INHAL:UNDER NORMAL CNDTNS OF USE, NO ADVERSE EFTS ARE EXPECTED.

INGEST:CAN CAUSE GI IRRIT. EPICHLOROHYDRIN:HAS BEEN REPORTED TO
PRDCE CANCER IN LAB ANIMALS & EPID EMOLOGICAL STUDIES PRESENT
"WEAK" EVIDOF CANCER RISK TO HUMANS. LISTED AS POSS CARCIN IN NTP &
IARC MONOGRAPHS.

Medical Cond Aggravated by Exposure:INDIVIDUALS W/MEDICAL CONDITIONS
INVOLVING SKIN OR IMMUNE SYSTEM OR HAVE SPECIFIC CHEMICAL ALLERGIES
MAY BE MORE SUSCEPTIBLE TO POSSIBLE EFFECTS PRODUCED BY
OVEREXPOSURE.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. SUPPORT BRTHG (GIVE O*2/ARTF RESP). EYES:FLUSH W/STEADY STREAM OF WATER FOR AT LST 15 MINS. LIFT UPPER & LOWER LIDS FREQUENTLY. GET PROMPT MED ATTN. SKIN:REMOVE CONTAM CLTHG & SHOES. WASH AFFECTED AREA W/MILD SOAP & PLENTY OF WATER. IF IRRIT DEVELS, CONSULT MD. WASH CONTAM CLTHG BEFORE REUSE. INGEST:CALL POIS CTL CTR, EMER ROOM/MD. UNLESS ADVISED OTHERWISE,(SUPDAT)

Fire Fighting

Flash Point Method:SCC

Flash Point:>200F,>93C

Extinguishing Media:FOR SMALL FIRES, USE FOAM, CARBON DIOXIDE, DRY CHEMICAL OR WATER SPRAY. FOR LARGE FIRES, USE FOAM, WATER SPRAY OR FOG.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . REMOVE ALL IGNITION SOURCES.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT.

Accidental Release

Spill Release Procedures:STOP DISCHARGE & CONTAIN SPILL OR CONTAM MATL USING DIKE OR BARRIER. PLACE CONTAM MATL IN SUITABLE CONTAINER FOR FURTHER HANDLING & DISP. APPROP SAFETY MEASURES & APPROP PROT EQUIP SHOULD BE USED. DO NOT FLUSH TO SEWER, STREAM/OTHER BODIESOF WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA.

Other Precautions:NONE.

Exposure Controls

Respiratory Protection:NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL EXHAUST:RECOMMENDED WHEN VAPORS, MISTS OR DUSTS CAN BE RELEASED. MECHANICAL:TO KEEP BELOW TLV.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . TO PREVENT SKIN CONTACT WEAR PROT CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. CONTAMINATED CLOTHING & SHOES SHOULD BE THOROUGHLY CLEANED BEFORE REUSE.

Supplemental Safety and Health

FIRST AID PROC:INDUCE VOMIT BY GIVING EITHER SYRUP OF IPECAC FOLLOWED BY 2 GLASSES OF WATER/BY STICKING FINGER DOWN THROAT. NOTE TO MD:NO SPECIFIC ANTIDOTE IS KNOWN. THERAPY IS DIRECTED AT PREVENTING ABSORPTION, ADMINISTERING TO SYMPTOMS AS THEY OCCUR & PROVIDING SUPPORTIVE THERAPY.

Chemical Properties

Boiling Pt:B.P. Text:>370F,>188C

Vapor Pres:Vapor Density:>1

Spec Gravity:1.08 (H*20=1)

Solubility in Water:NONE

Appearance and Odor:SILVER LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES

CONTAMINATION W/STRONG ACIDS, BASES, AMINES, MERCAPTANS, OXIDIZING AGENTS & AMMONIA.

Stability Condition to Avoid:EXCESSIVE HEAT.

Hazardous Decomposition Products:IF HEATED TO HIGH TEMPERATURES THIS PRODUCT MAY EMIT PHENOLICS, SMOKE, SOOT, CARBON DIOXIDE, CARBON MONOXIDE.

Disposal

Waste Disposal Methods:DISPOSE OF I/A/W LOCAL, STATE & FEDERAL ENVIRONMENTAL REGULATIONS.

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